



Works Approval

| | | |
|------------------------------------|--|------------|
| Works approval number | W2870/2025/1 | |
| Works approval holder | South32 Worsley Alumina Pty Ltd | |
| ACN | 008 905 155 | |
| Registered business address | Gastaldo Road, Allanson WA 6225 | |
| Internal Number | INS-0002870 | |
| Duration | 23/05/2025 to | 23/05/2028 |
| Date of issue | 23/05//2025 | |
| Premises details | Nullaga Mine Development Project – Crushing and screening plants 3 & 4 Boddington WA 6390 Legal description - Part of mining tenements: M258SA, M70/25, M70/564, M70/1428 and L70/223. As defined by the premises map in Schedule 1 and the coordinates in Schedule 2. | |

| Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>) | Assessed production capacity |
|---|-------------------------------------|
| Category 12: Screening etc. of material: premises (other than premises within category 5 or 8) on which material is extracted from the ground is screened, washed, crushed. Ground, milled, sized or separated. | 700,000 tonnes per year |

This works approval is granted to the works approval holder, subject to the attached conditions, on 23 May 2025, by:

MANAGER, RESOURCES INDUSTRIES
ENVIRONMENTAL REGULATION (STATEWIDE DELIVERY)
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

| Date | Reference number | Summary of changes |
|------------|------------------|---------------------------------------|
| 23/05/2025 | W2870/2025/1 | Works approval granted (APP-0026590). |

Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must:
 - (a) construct and/or install the infrastructure and/or equipment;
 - (b) in accordance with the corresponding design and construction / installation requirements; and
 - (c) at the corresponding infrastructure location; and
 as set out in Table 1.

Table 1: Design and construction / installation requirements

| | Infrastructure | Design and construction / installation requirements | Infrastructure location |
|----|---------------------------------------|---|--|
| 1. | Mobile Crushing and Screening Plant 3 | (a) Mobile Crushing and Screening Plant to consist of: <ul style="list-style-type: none"> - 1x jaw crusher, - 2x cone crushers, - 1x screener; and - associated conveyors, installed to manufacturers specifications in general accordance with Figure 2 of Schedule 1; (b) Sound power level of the Mobile crusher and Mobile screen must not exceed 108 dB(A) and 107 dB(A), respectively, when operated independently; (c) Reticulated mist sprays to be installed on conveyors and all material transfer points; (d) Rubber shrouds installed at each mobile crusher (e) 50 kilolitres (kL) raw water tank with surface water pipes leading from the tank to the plant to be installed to provide water to the reticulated mist sprays; (f) A dedicated water cart to be present during installation of the plant to manage dust emissions; (g) All vehicles and mobile machinery involved in the crushing and screening operation to be fitted with non-tonal reversing beepers; and (h) Stormwater management infrastructure to be installed to divert clean stormwater around construction and operational areas for crushing and screening plant, and to capture and retain potentially contaminated | Within the Prescribed Premises boundary as depicted in Figure 1 of Schedule 1. |

| | Infrastructure | Design and construction / installation requirements | Infrastructure location |
|----|---------------------------------------|--|--|
| | | or contaminated stormwater on-site. | |
| 2. | Mobile Crushing and Screening Plant 4 | <p>(a) Mobile Crushing and Screening Plant to consist of:</p> <ul style="list-style-type: none"> - 1x jaw crusher, - 2x cone crushers, - 1x screen; and - associated conveyors, <p>installed to manufacturers specifications in general accordance with Figure 2 of Schedule 1;</p> <p>(b) Sound power level of the Mobile crusher and Mobile screen must not exceed 108 dB(A) and 107 dB(A), respectively, when operated independently;</p> <p>(c) Reticulated mist sprays to be installed on conveyors and all material transfer points;</p> <p>(d) Rubber shrouds installed at appropriate locations at each mobile crusher;</p> <p>(e) 50 kL raw water tank with surface water pipes leading from the tank to the plant to be installed to provide water to the reticulated mist sprays;</p> <p>(f) A dedicated water cart to be present during installation of the plant to manage dust emissions;</p> <p>(g) All vehicles and mobile machinery involved in the crushing and screening operation to be fitted with non-tonal reversing beepers; and</p> <p>(h) Stormwater management infrastructure to be installed to divert clean stormwater around construction and operational areas for crushing and screening plant, and to capture and retain potentially contaminated or contaminated stormwater on-site.</p> | Within the Prescribed Premises boundary as depicted in Figure 1 of Schedule 1. |

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:

- (a) certification by a crushing/screening plant operator and/or fitter that the crushing and screening plant or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
- (b) as constructed plans or photographs and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
- (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Time limited operations phase

Commencement and duration

4. The works approval holder may only commence time limited operations for an item of infrastructure identified in condition 1 where the Environmental Compliance Report as required by condition 2 has been submitted by the works approval holder for that item of infrastructure.
5. The works approval holder may conduct time limited operations for an item of infrastructure specified in condition 6 (as applicable):
 - (a) for a period not exceeding 180 calendar days from the day the works approval holder meets the requirements of condition 4 for that item of infrastructure; or
 - (b) until such time as a licence for that item of infrastructure is granted in accordance with Part V of the Environmental Protection Act 1986, if one is granted before the end of the period specified in condition 5(a).

Time limited operations requirements and emission limits

6. During time limited operations, the works approval holder must ensure that the premises infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

Table 2: Infrastructure and equipment requirements during time limited operations

| | Site infrastructure and equipment | Design and construction / installation requirements | Infrastructure location |
|----|---|---|--|
| 1. | Mobile Crushing and Screening Plant 3 and 4 | <ul style="list-style-type: none"> (a) All installed reticulated mist sprays must be maintained and operated during crushing and screening activity to minimise dust emissions; (b) Rubber shrouds installed at appropriate locations at each mobile crusher; (c) Plants to be maintained in accordance with manufactures specifications; (d) 2 x dedicated water carts, each with a holding capacity of up to 15 kL, to be available at all times for each crushing and screening plant, operated to precondition feed material for the crushers to minimise dust emissions; and | Within the Prescribed Premises boundary as depicted in Figure 1 of Schedule 1. |

| | Site infrastructure and equipment | Design and construction / installation requirements | Infrastructure location |
|----|-----------------------------------|---|--|
| | | (e) Stormwater management infrastructure maintained to divert clean stormwater around operational areas and capture potentially contaminated or contaminated stormwater generated within the crushing and screening operating areas from being released into the environment. | |
| 2. | Mobile machinery and vehicles | (a) Vehicles and mobile machinery associated with the plant to be fitted with non-tonal reversing beepers. | Within the Prescribed Premises boundary as depicted in Figure 1 of Schedule 1. |

7. The works approval holder must ensure that no visible dust generated from the crushing and screening activities crosses the boundary of the premises.

Noise monitoring during time limited operations

8. Within 14 days of the commencement date of time limited operations, as specified in condition 4, the works approval holder must retain the services of a suitably qualified acoustics professional to:
- investigate the nature and extent of noise emissions from the premises during the normal operation of the Mobile Crushing and Screening Plants 3 and 4 (as specified in condition 6) during night-time hours; and
 - assess noise emissions in accordance with the methodology required in the *Environmental Protection (Noise) Regulations 1997*, the compliance of the noise emissions from crushing and screening activities against the relevant assigned noise levels specified in the *Environmental Protection (Noise) Regulations 1997*.
9. The works approval holder must, within 60 calendar days of undertaking the investigation required by condition 8, prepare and submit to the CEO a report on the investigation.
10. The report required by condition 9 must include, as a minimum, the following:
- description of the methods used to investigate and monitor noise emissions, including the monitoring locations, monitoring duration, and frequency, as well as justification for these methods;
 - details and results of the investigation undertaken pursuant to condition 8(a);
 - details and results of the assessment of the noise emissions from the crushing and screening activities, against the relevant assigned noise levels in the *Environmental Protection (Noise) Regulations 1997* undertaken pursuant to condition 8(b).
11. Where the assessment pursuant to condition 8 indicates that noise emissions from crushing and screening activities do not comply with the relevant assigned noise levels in the *Environmental Protection (Noise) Regulations 1997*, the works approval holder must:
- within 14 calendar days, prepare and implement a plan to demonstrate the operation of Mobile Crushing and Screening Plants 3 and 4 will no longer lead

to any contravention of the *Environmental Protection (Noise) Regulations 1997*; and

- (b) provide to the CEO the plan prepared pursuant to condition 11(a).

Compliance reporting

- 12.** The works approval holder must submit to the CEO a report on the time limited operations within 30 calendar days of the completion date of time limited operations or 30 calendar days before the expiration date of the works approval, whichever is the sooner.
- 13.** The works approval holder must ensure the report required by condition 12 includes the following:
- (a) a summary of the time limited operations, including timeframes and amount of material processed;
 - (b) a review of performance and compliance against the condition of the works approval; and
 - (c) where the manufacturer's design specifications and the conditions of this works approval have not been met, what measures will the works approval holder take to meet them, and what timeframes will be required to implement those measures.

Records and reporting (general)

- 14.** The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
- (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
- 15.** The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
- (a) the works conducted in accordance with condition 6;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 6; and
 - (c) complaints received under condition 14.
- 16.** The books specified under condition 15 must:
- (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 3 have the meanings defined.

Table 3: Definitions

| Term | Definition |
|---------------------------------|---|
| books | has the same meaning given to that term under the EP Act. |
| CEO | means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au |
| Department | means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act. |
| discharge | has the same meaning given to that term under the EP Act. |
| emission | has the same meaning given to that term under the EP Act. |
| Environmental Compliance Report | means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval. |
| EP Act | <i>Environmental Protection Act 1986 (WA)</i> . |
| EP Regulations | <i>Environmental Protection Regulations 1987 (WA)</i> . |
| monthly period | means a one-month period commencing from the first day of a month until the last day of the same month. |
| night-time hours | Means from 2200 hours on any day to 0700 hours (Monday to Saturday) or 0900 hours (Sunday and public holidays), in accordance with regulation 8(3) of the Environmental Protection (Noise) Regulations 1997. |
| premises | the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map Figure 1 in Schedule 1 to this works approval. |
| prescribed premises | has the same meaning given to that term under the EP Act. |
| time limited operations | refers to the operation of the infrastructure and equipment identified under this works approval that is authorised for that purpose, subject to the relevant conditions. |

| Term | Definition |
|-----------------------|---|
| works approval | refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions. |
| works approval holder | refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval. |

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in the map below.

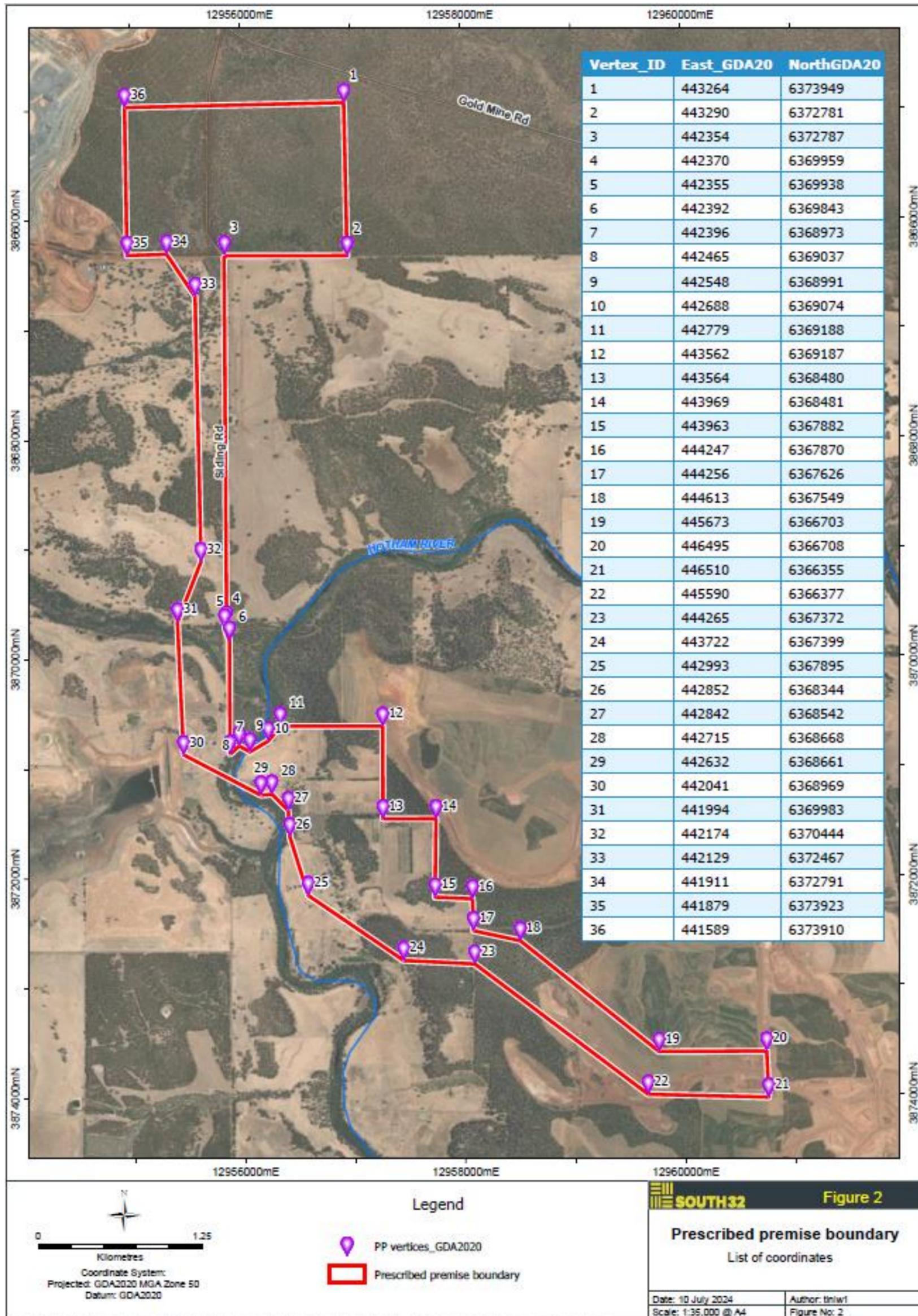


Figure 1: Map of the boundary of the prescribed premises

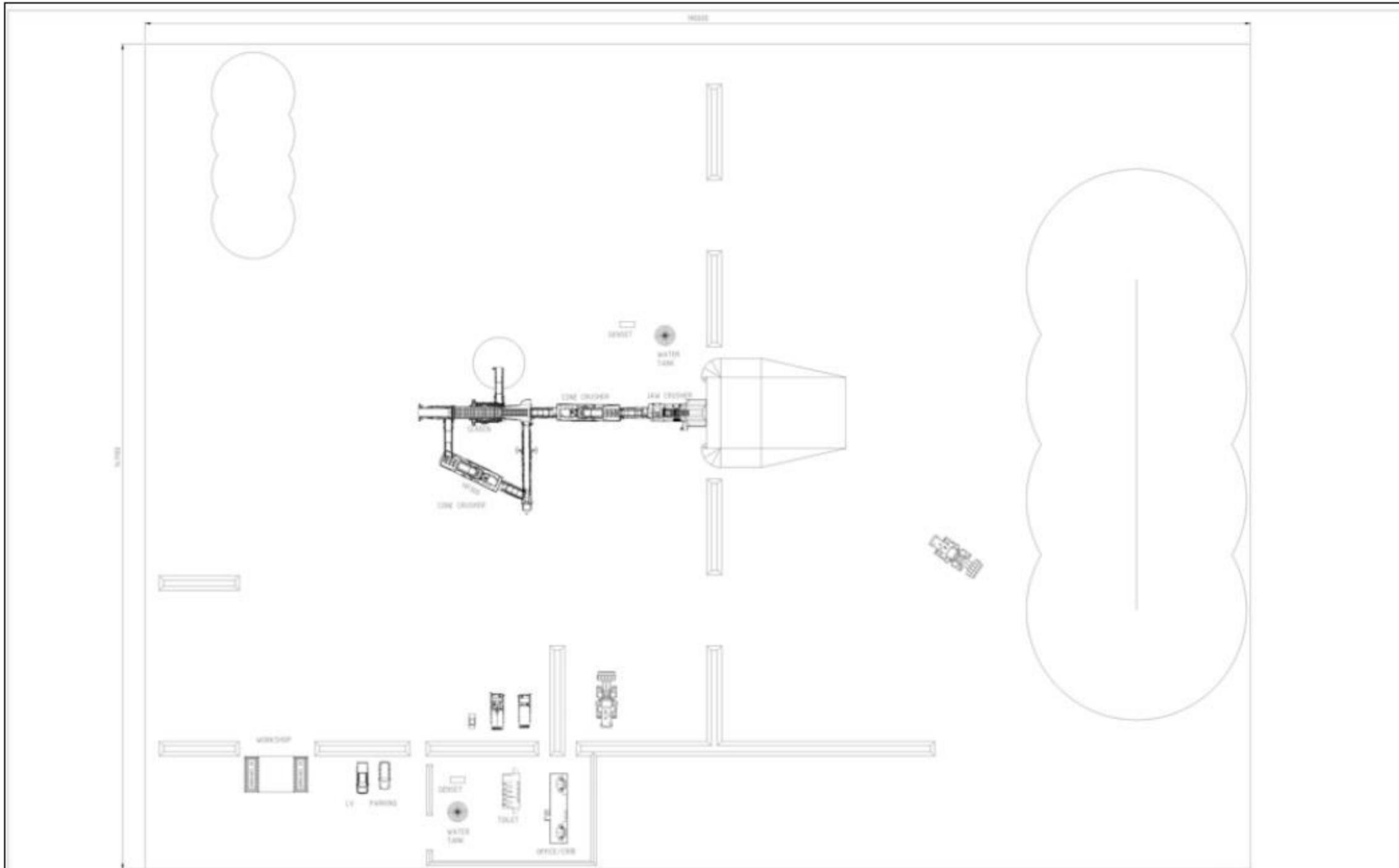


Figure 3B.1: Mobile Crusher Layout

| | | | | | | | | | |
|-----|------|-------------|----|------|----------|--|-------|--|--|
| | | | | | | COPYRIGHT © RESERVED | | SOUTH IS | |
| | | | | | | THIS DRAWING IS THE PROPERTY OF MACA AND ITS ASSOCIATES. IT IS ISSUED ON THE CONDITION THAT IT MUST NOT BE REPRODUCED, COPIED OR LOANED OUT TO ANY OTHER PARTY. IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT STATED IN THE ORIGINAL ORDER OR CONTRACT WITH WHICH IT WAS ISSUED. THE REGISTRATION OF COPYRIGHT EXTENDS FROM EACH REVISION DATE APPEARING ON THIS DRAWING. | | WORSLEY NALLAGA HALL ROAD CRUSHING AND SCREENING SERVICES GENERAL LAYOUT | |
| | | | | | | | | SCALE: 1:100 DRAWING NO: MACA-WN-CR-GA-001 REV: A | |
| REV | DATE | DESCRIPTION | BY | CHEK | APPROVED | DRAWING NUMBER | TITLE | | |

Figure 2: Mobile crushing and screening plant layout

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 4.

Table 4: Premises boundary coordinates (GDA2020)

| | Easting | Northing | Zone |
|-----|----------------|-----------------|-------------|
| 1. | 443264 | 6373949 | 50 |
| 2. | 443290 | 6372781 | 50 |
| 3. | 442354 | 6372787 | 50 |
| 4. | 442370 | 6369959 | 50 |
| 5. | 442355 | 6369938 | 50 |
| 6. | 442392 | 6369843 | 50 |
| 7. | 442396 | 6368973 | 50 |
| 8. | 442465 | 6369037 | 50 |
| 9. | 442548 | 6368991 | 50 |
| 10. | 442688 | 6369074 | 50 |
| 11. | 442779 | 6369188 | 50 |
| 12. | 443562 | 6369187 | 50 |
| 13. | 443564 | 6368480 | 50 |
| 14. | 443969 | 6368481 | 50 |
| 15. | 443963 | 6367882 | 50 |
| 16. | 444247 | 6367870 | 50 |
| 17. | 444256 | 6367626 | 50 |
| 18. | 444613 | 6367549 | 50 |
| 19. | 445673 | 6366703 | 50 |
| 20. | 446495 | 6366708 | 50 |
| 21. | 446510 | 6366355 | 50 |
| 22. | 445590 | 6366377 | 50 |
| 23. | 444265 | 6367372 | 50 |

| | | | |
|-----|--------|---------|----|
| 24. | 443722 | 6367399 | 50 |
| 25. | 442993 | 6367895 | 50 |
| 26. | 442852 | 6368344 | 50 |
| 27. | 442842 | 6368542 | 50 |
| 28. | 442715 | 6368668 | 50 |
| 29. | 442632 | 6368661 | 50 |
| 30. | 442041 | 6368969 | 50 |
| 31. | 441994 | 6369983 | 50 |
| 32. | 442174 | 6370444 | 50 |
| 33. | 442129 | 6372467 | 50 |
| 34. | 441911 | 6372791 | 50 |
| 35. | 441608 | 6372779 | 50 |
| 36. | 441589 | 6373910 | 50 |